

FIG.1

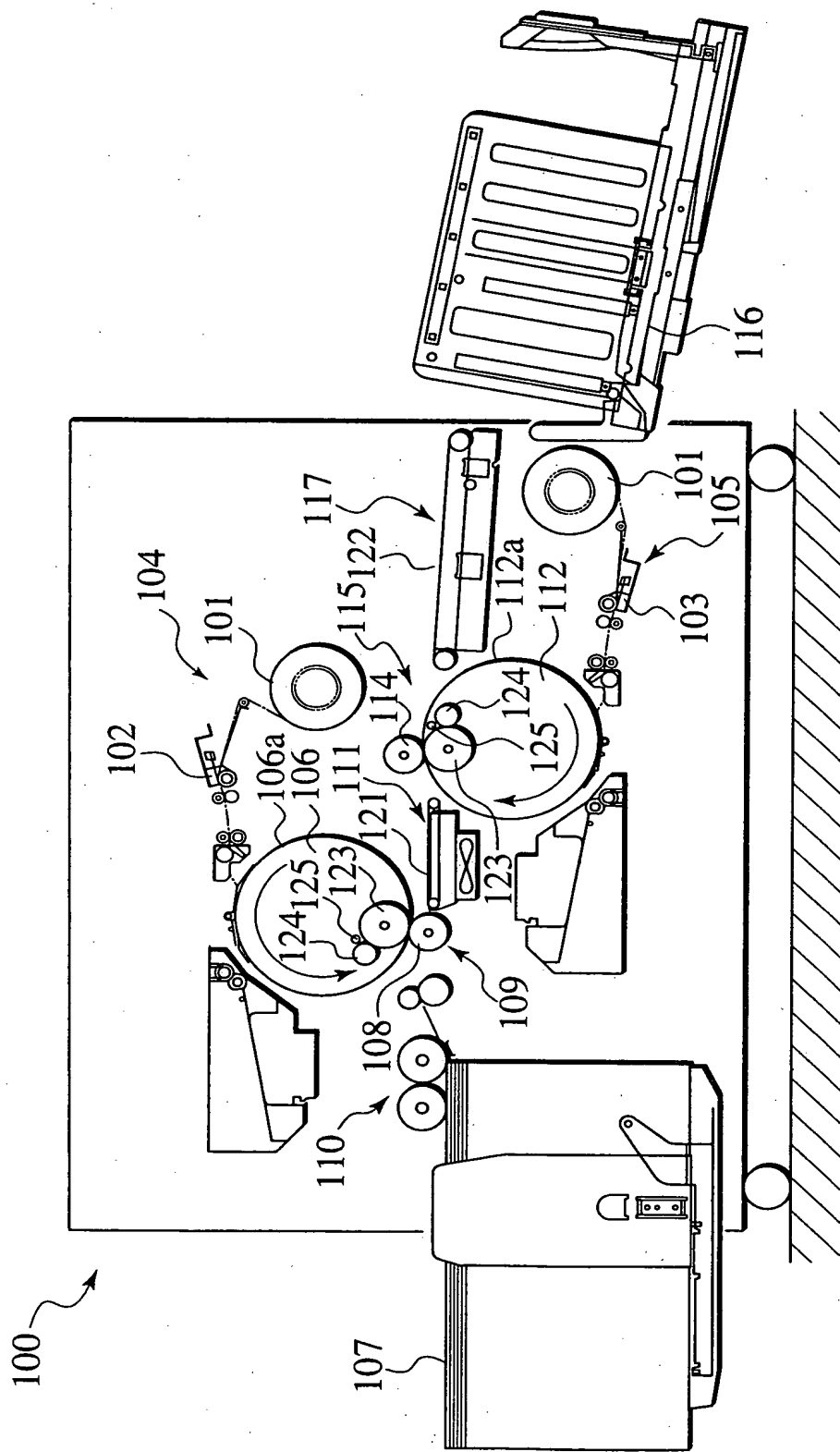


FIG.2

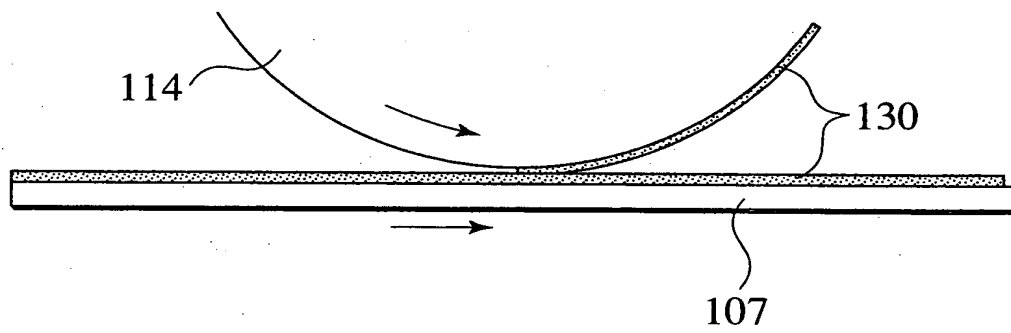


FIG.3

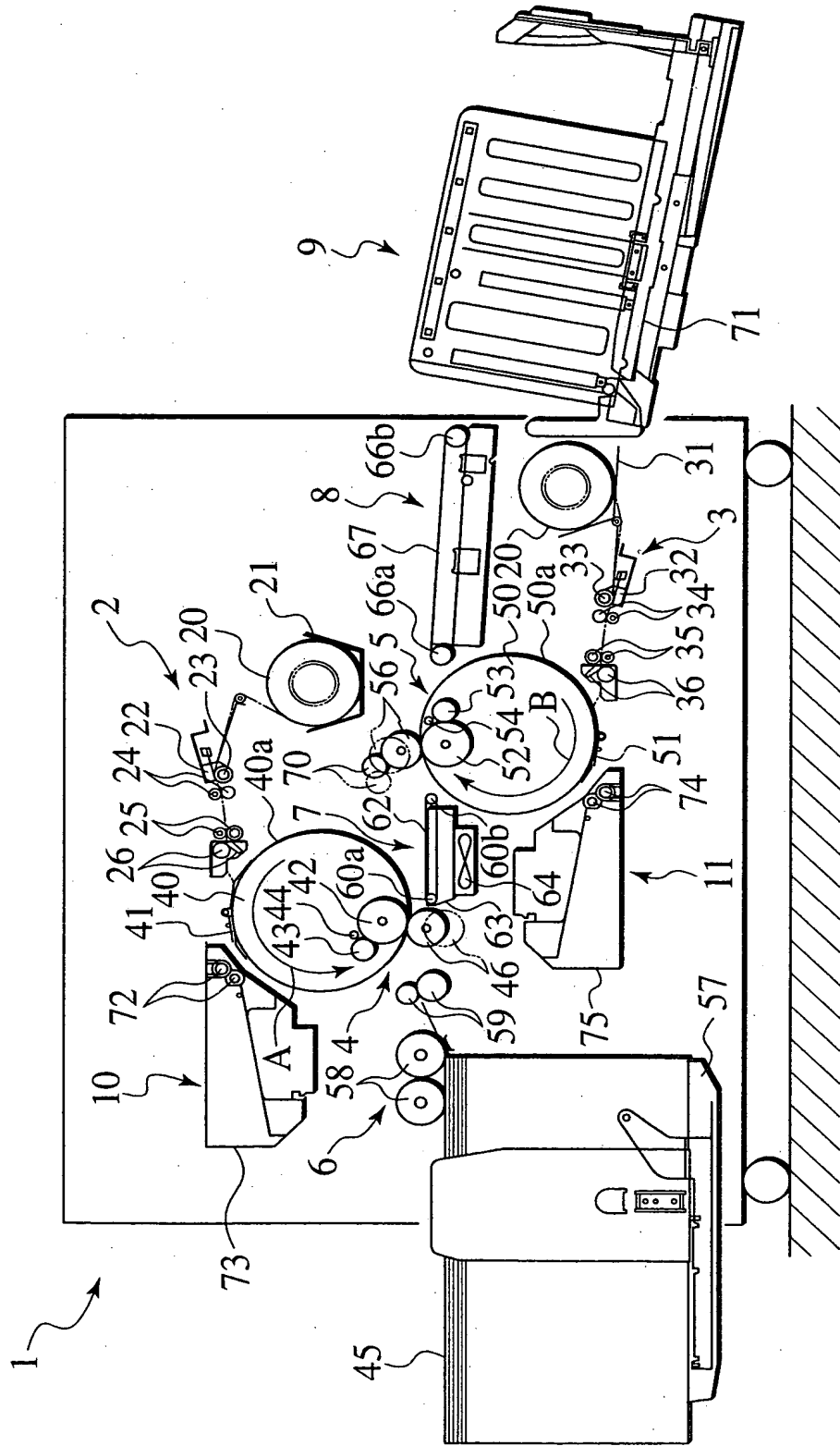


FIG.4

| 1ST PREF. EMBOD. | MESH NUMBER | DISTANCE BETWEEN APEXES (mm) | DEPTH IN CONV. AND CONC. (mm) | VISCOSITY OF SILICONE OIL (mPa·s) | CONTAMI- NATED STATUS | IMAGE QUALITY AT LOWER SURFACE |
|------------------------|----------------|------------------------------------|-------------------------------------|---|-----------------------------|--------------------------------------|
| | #30 | 0.85 | 0.27 | — | ○ | × |
| | #40 | 0.64 | 0.21 | — | ○ | ○ |
| | #60 | 0.42 | 0.12 | — | ○ | ○ |
| | #80 | 0.32 | 0.095 | — | ○ | ○ |
| | #100 | 0.25 | 0.062 | — | ○ | ○ |
| | #150 | 0.17 | 0.044 | — | ○ | ○ |
| | #230 | 0.11 | 0.035 | — | ○ | ○ |
| | #305 | 0.08 | 0.027 | — | △ | ○ |

FIG.5

| 2ND PREF. EMBOD. | MESH NUMBER | DISTANCE BETWEEN APEXES (mm) | DEPTH IN CONV. AND CONC. (mm) | VISCOSITY OF SILICONE OIL (mPa·s) | CONTAMI- NATED STATUS | IMAGE QUALITY AT LOWER SURFACE |
|------------------------|----------------|------------------------------------|-------------------------------------|---|-----------------------------|--------------------------------------|
| | #30 | 0.85 | 0.27 | 100 | ◎ | × |
| | #40 | 0.64 | 0.21 | 100 | ◎ | ○ |
| | #60 | 0.42 | 0.12 | 100 | ◎ | ○ |
| | #80 | 0.32 | 0.095 | 100 | ◎ | ○ |
| | #100 | 0.25 | 0.062 | 100 | ◎ | ○ |
| | #150 | 0.17 | 0.044 | 100 | ◎ | ○ |
| | #230 | 0.11 | 0.035 | 100 | ○ | ○ |
| | #305 | 0.08 | 0.027 | 100 | △ | ○ |

FIG.6

| 3RD PREF. EMBOD. | MESH NUMBER | DISTANCE BETWEEN APEXES (mm) | DEPTH IN CONV. AND CONC. (mm) | VISCOSITY OF SILICONE OIL (mPa·s) | CONTAMI- NATED STATUS | IMAGE QUALITY AT LOWER SURFACE |
|------------------------|----------------|------------------------------------|-------------------------------------|---|-----------------------------|--------------------------------------|
| | #80 | 0.32 | 0.095 | 10 | ◎ | ○ |
| | | | | 100 | ◎ | ○ |
| | | | | 500 | ◎ | ○ |
| | | | | 1000 | ○ | ○ |
| | | | | 5000 | △ | ○ |

FIG.7

| COMPARISON RUBBER ROLLER | MESH NUMBER | DISTANCE BETWEEN APEXES (mm) | DEPTH IN CONV. AND CONC. (mm) | VISCOSITY OF SILICONE OIL (mPa·s) | CONTAMI- NATED STATUS | IMAGE QUALITY AT LOWER SURFACE |
|--------------------------------|----------------|------------------------------------|-------------------------------------|---|-----------------------------|--------------------------------------|
| | — | — | — | — | × | ○ |

FIG.8

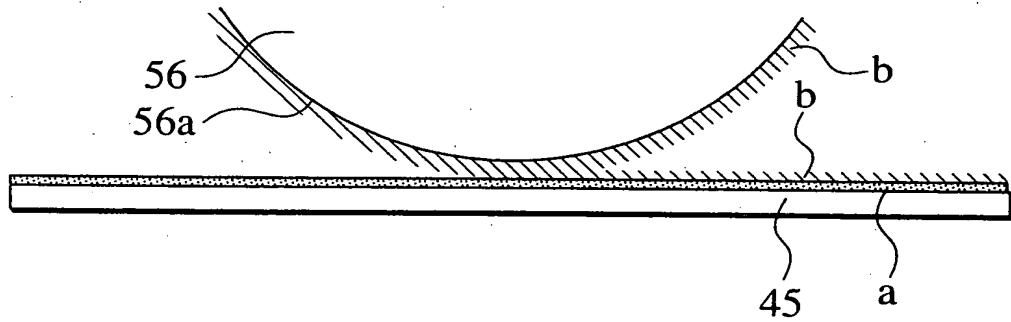


FIG.9

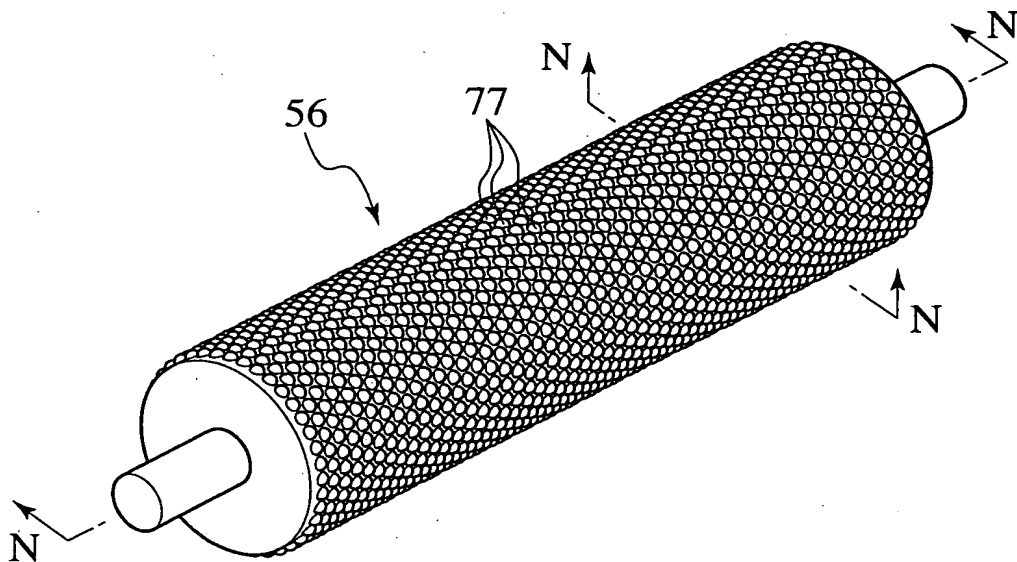


FIG.10

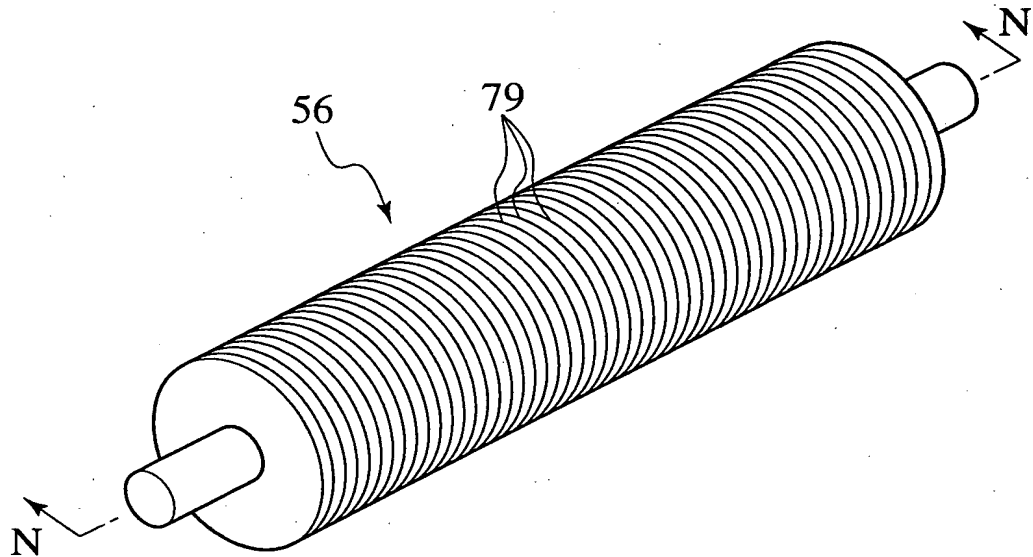


FIG.11

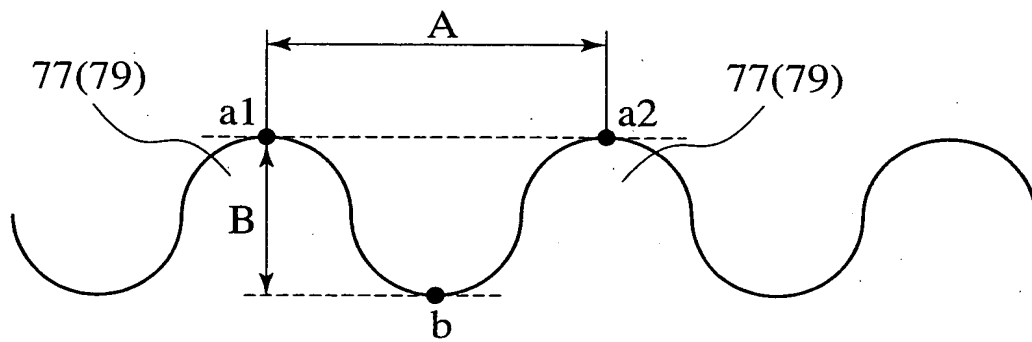


FIG.12A

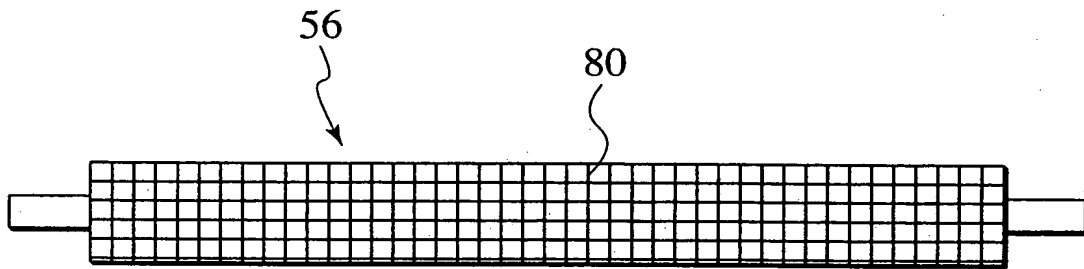


FIG.12B

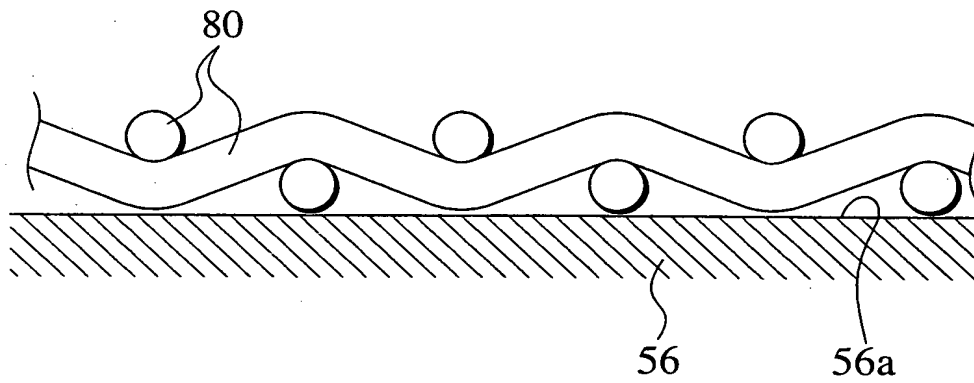


FIG.13A

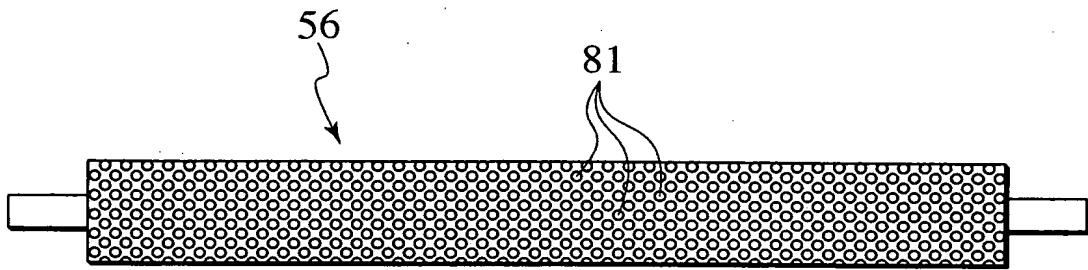


FIG.13B

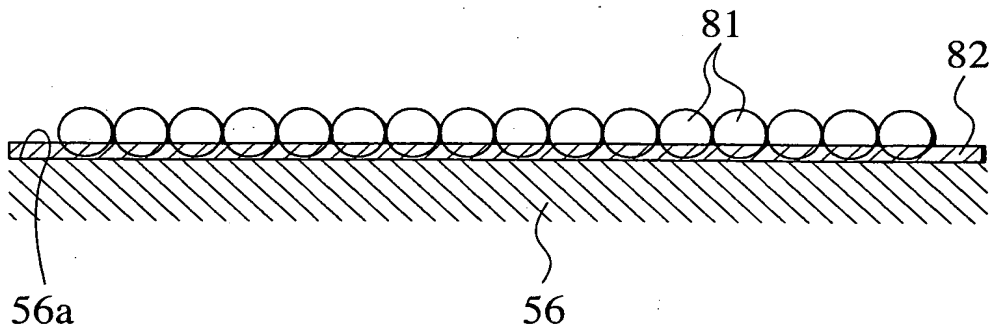


FIG.14A

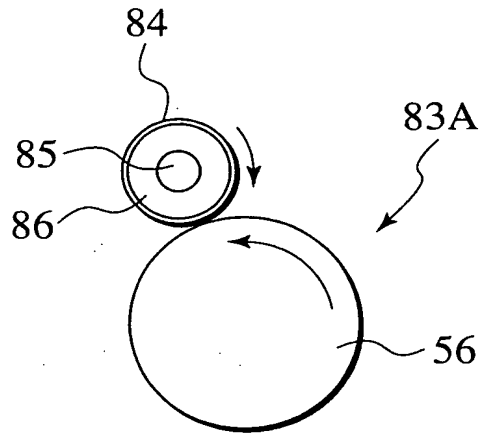


FIG.14B

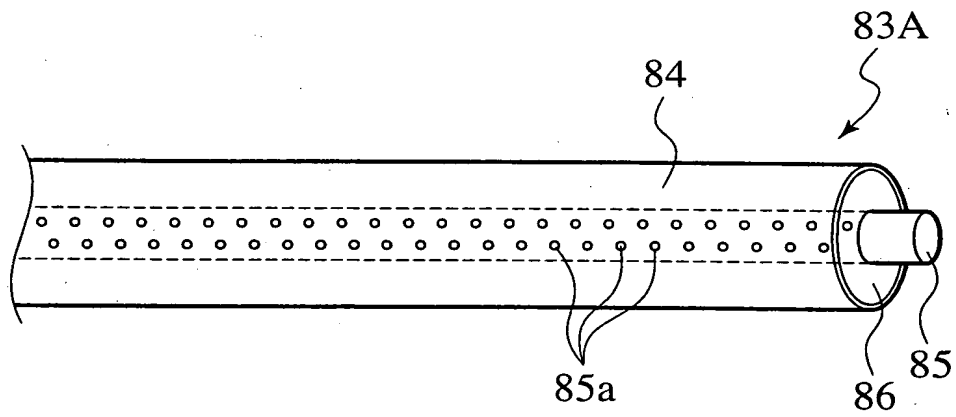


FIG.15

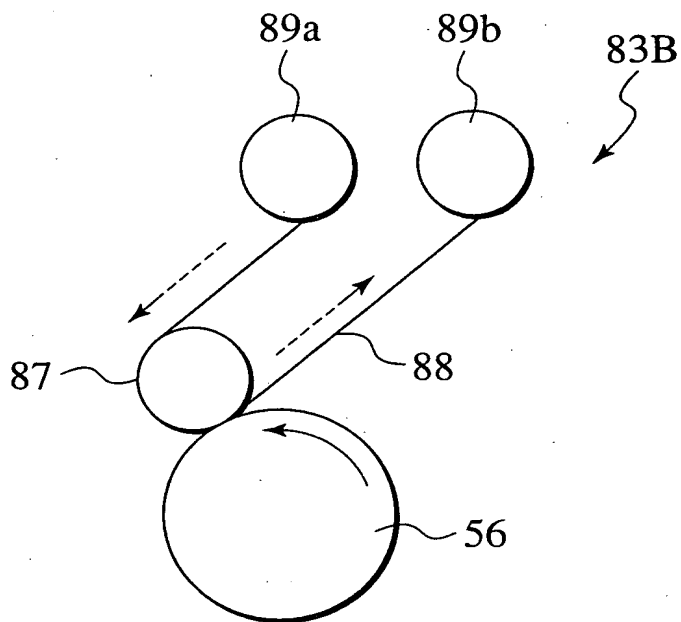


FIG.16

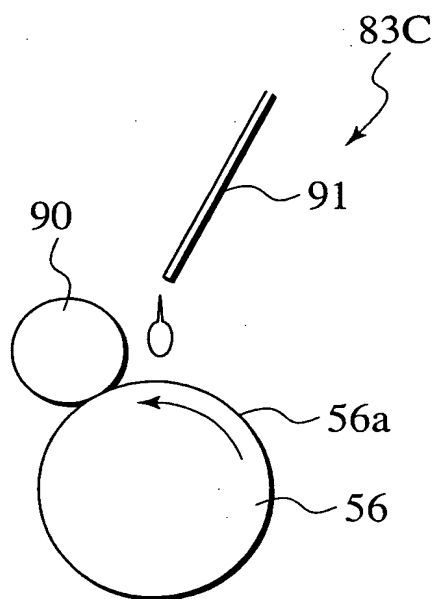


FIG.17

